



In re Application of:  
Huang, et al.

Serial No.: 10/765,361

Confirmation No.: Unknown

Filed: January 27, 2004

For: Method of Depositing Low  
K Films

Group Art Unit: Unknown


Examiner: Unknown

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING  
37 CFR 1.8

I hereby certify that this correspondence is being deposited on  
April 30, 2004 with the United States Postal Service as First  
Class Mail in an envelope addressed to: Mail Stop Amendment,  
Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-  
1450.

April 30, 2004  
Date

  
Signature

Dear Sir:

### INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

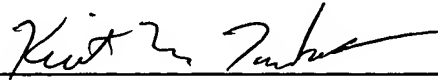
While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.20-0782/AMAT/2592.C8/KMT.

Respectfully submitted,



---

Keith M. Tackett  
Registration No. 32,008  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Applicant(s)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number

10/765,361

Filing Date

JANUARY 27, 2004

First Named Inventor

TZU-FANG HUANG, ET AL.

Group Art Unit

UNKNOWN

Examiner Name

UNKNOWN

Attorney Docket Number

AMAT/2592.C8/DSM/LOW K/JW

Submission Date

April 30, 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-6,642,157 B1	11/04/2003	Shioya, et al.	
	A2	US-6,593,247 B1	07/15/2003	Huang, et al.	
	A3	US-6,531,714 B1	03/11/2003	Bacchetta	
	A4	US-6,479,409 B2	11/12/2002	Shioya, et al.	
	A5	US-6,479,408 B2	11/12/2002	Shioya, et al.	
	A6	US-6,479,110 B2	11/12/2002	Grill, et al.	
	A7	US-6,455,445 B2	09/24/2002	Matsuki	
	A8	US-6,448,186 B1	09/10/2002	Olson, et al.	
	A9	US-6,437,443 B1	08/20/2002	Grill, et al.	
	A10	US-6,348,725 B2	02/19/2002	Cheung, et al.	
	A11	US-6,340,628 B1	01/22/2002	VanCleemput, et al.	
	A12	US-6,331,494 B1	12/18/2001	Olson, et al.	
	A13	US-6,316,167 B1	11/13/2001	Angelopoulos, et al.	
	A14	US-6,312,793 B1	11/06/2001	Grill, et al.	
	A15	US-6,303,523 B2	10/16/2001	Cheung, et al.	
	A16	US-6,287,990 B1	09/11/2001	Cheung, et al.	
	A17	US-6,153,537	11/28/2000	Bacchetta, et al.	
	A18	US-6,147,009	11/14/2000	Grill, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 99/41423 A2	08/19/1999	David Cheung, et al.		
	B2	WO 99/21706 A1	05/06/1999	Chung J. Lee, et al.		
	B3	DE 196 54 737 A1	12/30/1996	Itoh, et al.		X
	B4					
	B5					

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 3

Application Number	10/765,361
Filing Date	JANUARY 27, 2004
First Named Inventor	TZU-FANG HUANG, ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	AMAT/2592.C8/DSM/LOW K/JW
Submission Date	April 30, 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A19	6,072,227	06/06/2000	Yau, et al.	
	A20	6,068,884	05/30/2000	Rose, et al.	
	A21	6,054,379	04/25/2000	Yau, et al.	
	A22	6,051,321	04/18/2000	Lee, et al.	
	A23	6,045,877	04/04/2000	Gleason, et al.	
	A24	5,989,998	11/23/1999	Sugahara, et al.	
	A25	5,362,526	11/08/1994	Wang, et al.	
	A26	5,320,875	06/14/1994	Hu, et al.	
	A27	5,000,113	03/19/1991	Wang, et al.	
	A28	4,649,071	03/10/1987	Tajima, et al.	
	A29	2004/0038514 A1	02/26/2004	Hydo, et al.	
	A30	2004/0039219 A1	02/26/2004	Chen, et al.	
	A31	2003/0116421 A1	06/26/2003	Xu, et al.	
	A32	2003/0119336 A1	06/26/2003	Matsuki, et al.	
	A33	2003/0162408 A1	08/28/2003	Matsuki, et al.	
	A34	2003/0162410 A1	08/28/2003	Huang, et al.	
	A35	2001/0031563 A1	10/18/2001	Shioya, et al.	
	A36	2001/0051445 A1	12/13/2001	Shioya, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B6					
	B7					
	B8					
	B9					
	B10					

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

April 30, 2004

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.